

20031218.qrp v03_n138.qrl.20031218

Date: Thu, 18 Dec 2003 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3138

QRP-L Digest 3138

Topics covered in this issue include:

- 1) [163300] 6-pin DIN connector
by Barry N1EU <n1eu@yahoo.com>
- 2) [163301] Several Items FS
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 3) [163302] Re: is GigaParts legit?
by <charlescurrey1@imcingular.com> (CHARLES CURREY)
- 4) [163303] RE: I apologize...
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 5) [163304] FOX: K2ZN log rev. 1
by Al Scanandoah <k2zn@rochester.rr.com>
- 6) [163305] Re: Hotweezer wire stripper
by <n2go@arrl.net>
- 7) [163306] Re: is GigaParts legit?
by "Armin Hachmer" <armin@muskoka.com>
- 8) [163307] 80 Meters is Long Tonight
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
- 9) [163308] Re: Canadian Customs info
by Dave <ve1vq@auracom.com>
- 10) [163309] NEQRP CW Net, Thursday, 18 Dec 03, 08:30 PM EST, 3.566 MHz
by Chuck Ludinsky <cludinsky@comcast.net>
- 11) [163310] Re: 6-pin DIN connector
by Barry N1EU <n1eu@yahoo.com>
- 12) [163311] wire free electric power
by JClinton46@aol.com
- 13) [163312] Re: Beware--flaw in IE allows links to be spoofed
by Dave Ek <ekdave@earthlink.net>
- 14) [163313] Re: RF health risks
by Tim Groat <tcgroat@earthlink.net>
- 15) [163314] Re: wire free electric power
by "John Payne" <paynej1@earthlink.net>
- 16) [163315] 80 Meter Success
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
- 17) [163316] Re: New option for the AZ ScQRPions paddle
by Chuck Adams <k7qo@commspeed.net>
- 18) [163317] Re: 6-pin DIN connector
by "Leon Heller" <leon_heller@hotmail.com>
- 19) [163318] [OT] How to Obscure Any URL

- by Chuck Carpenter <w5usj@9plus.net>
- 20) [163319] Re: is GigaParts legit?
by Alex <kr1st@amsat.org>
- 21) [163320] Magnets
by "Thomas Lewis" <thomas_h_lewis@msn.com>
- 22) [163321] Was: Re: is GigaParts legit? Now: Mag Loop Antennas
by Ed Tanton <n4xy@earthlink.net>
- 23) [163322] Re: Powerham
by Radioham <radioham@comcast.net>
- 24) [163323] RE: wire free electric power
by "Nick Foster" <nfooster@bluefinrobotics.com>
- 25) [163324] More magnets
by "David Porter" <aa3ur@comcast.net>
- 26) [163325] Re: 80 Meter Success
by Karl Larsen <k5di@zianet.com>
- 27) [163326] Re: FOX: K2ZN log rev. 1
by "Lew Paceley" <lew@paceley.com>
- 28) [163327] Re: Beware--flaw in IE allows links to be spoofed
by w9ya <w9ya@arrl.net>
- 29) [163328] RE: New option for the AZ ScQRPions paddle
by "Augie Hansen" <augie.hansen@comcast.net>
- 30) [163329] d104 to ic-718?
by "Patrick Schwarz" <kb8rtz@comcast.net>
- 31) [163330] FS:ASTRON RS-20A
by N0tk@aol.com
- 32) [163331] QRPWEBRING ?
by "Joe Martin" <joe1@km5cw.org>
- 33) [163332] Microbes Generate Electricity from Sugar
by "AI2Q" <ai2q@adelphia.net>
- 34) [163333] Re: FOX: K2ZN log rev. 1
by "palmer_t" <ThomasPalmer@colliergov.net>
- 35) [163334] Re: d104 to ic-718?
by "Lee Mairs" <lmairs@direcway.com>
- 36) [163335] Re: wire free electric power
by "Ron Pyle" <raple@gwtc.net>
- 37) [163336] Mid-Atlantic QSO Party - New Contest
by Curt Milton <wb8yyy@yahoo.com>
- 38) [163337] RE: d104 to ic-718?
by "Augie Hansen" <augie.hansen@comcast.net>
- 39) [163338] Being the Fox
by Karl Larsen <k5di@zianet.com>
- 40) [163339] Re: New option for the AZ ScQRPions paddle
by Steven Weber <kd1jv@moose.ncia.net>
- 41) [163340] Re: wire free electric power
by John Payne <paynej1@earthlink.net>
- 42) [163341] Re: [Elecraft] FS:ASTRON RS-20A
by N0tk@aol.com
- 43) [163342] FS - Hand key

by "Marty Hartwell" <chartwell@worldnet.att.net>
44) [163343] Holder for Hakko 808? Was Re: [QRP-L 163276] HAKKO 808 desoldering
gun
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
45) [163344] PAC-12 Antenna
by <k6whp@verizon.net>
46) [163345] Re: Holder for Hakko 808? Was Re: [QRP-L 163276] HAKKO 808
desoldering
gun
by <n2go@arrl.net>
47) [163346] Re: Holder for Hakko 808? Was Re: [QRP-L 163276] HAKKO 808
desoldering
gun
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
48) [163347] Re: FOX: K2ZN log rev. 1
by "Bob Schreibmaier" <k3ph@ptd.net>
49) [163348] Re: wire free electric power
by "John Payne" <paynej1@earthlink.net>
50) [163349] Wow, AL7FS better check the bands today.
by Jim Larsen <JimLarsen2002@alaska.net>
51) [163350] Re: PAC-12 Antenna
by "Lee Mairs" <lmairs@direcway.com>
52) [163351] WTB HW8
by Wayne Dillon <kc0pmh@yahoo.com>
53) [163352] Contest Calendars
by "Ron Polityka" <wb3aal@verizon.net>
54) [163353] Here Little Piggies
by "Jerry Ford" <benlightnd13@mcchsi.com>
55) [163354] MORE #S ADDED TO KEY LIST
by Joe Martin <joe1@km5cw.org>

Date: Wed, 17 Dec 2003 15:55:44 -0800 (PST)
From: Barry N1EU <n1eu@yahoo.com>
To: qrp-l@listserv.lehigh.edu
Subject: [163300] 6-pin DIN connector
Message-ID: <20031217235544.33895.qmail@web13201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've searched without finding the answer and would
sure appreciate help. If I'm looking at a male 6-pin
DIN connector (not mini-DIN) from the jack's
perspective, is pin 1 to the left/CW or to the
right/CCW from the ground nub? My Yaesu schematic
fails to disclose the orientation.

Thanks & Happy Holidays,
Barry N1EU

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Wed, 17 Dec 2003 16:58:04 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [163301] Several Items FS
Message-ID: <008f01c3c4f9\$9d818dc0\$6401a8c0@bigdog>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Time to downsize the shack to fit my operating habits. So, I
offering
several items for sale. Details at:

<http://users.frii.com/rwc/fs/hamgear/>

(My apologies if this message is a dup, I did not see it come
through in today's postings, nor did I see it in the archive)

73, Rod N0RC
Happy Holidays

Date: Wed, 17 Dec 2003 19:02:18 -0500
From: <charlescurrey1@imcingular.com> (CHARLES CURREY)
To: qrp-1@Lehigh.EDU
Subject: [163302] Re: is GigaParts legit?
Message-ID: <10092684.1543342257@imcingular.com>

All,

Let me second Mike's comments. I was in Huntsville, AL recently and on advice from

the list I visited the GigaParts store there. The people were knowledgeable, they had the items I wanted and the price on an MFJ antenna analyzer was substantially under the advertised price on the MFJ web site. All in all they seem like goods folks from my one transaction.

73 and good luck,

Chuck Currey, kg4qqh

Date: Wed, 17 Dec 2003 19:15:47 -0500
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163303] RE: I apologize...
Message-ID: <ODE0IKLMAJFGCNMOGAGIEEGEEAA.bowerm@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

While it is true that magazines at libraries (and even within our own homes) are copy protected to the copyright owner (in this case the magazine company), people are allowed to make "incidental" copies of articles. I can copy an article and give it to you and that is legal. I can't copy the entire magazine and give it to you so that you avoid paying for the magazine.

This has been upheld in the courts for many, many years.

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Ken
> Sent: Wednesday, December 17, 2003 5:03 PM
> To: Low Power Amateur Radio Discussion
> Subject: I apologize...
>
>
> Group,
>
> I have offended a member by asking for a copy of an article of a QST
> article. All materials
> in libraries are copyrighted and I'm sure he's never made a photocopy. I
> wonder why they have
> copying machines there, it must be for copying handwritten notes.

> I do not
 > encourage anyone to break the law.
 > For the guys that helped me, and sent their handwritten notes of the
 > article, thank you very much. And for the
 > member that reminded me of my indiscretion, have a nice holiday....
 >
 > Ken - WA4MNT
 >
 >
 >

 Date: Wed, 17 Dec 2003 19:51:06 -0500
 From: Al Scanandoah <k2zn@rochester.rr.com>
 To: qrp-l@lehigh.edu
 Subject: [163304] FOX: K2ZN log rev. 1
 Message-ID: <3FE0F9FA.2050207@rochester.rr.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii; format=flowed
 Content-Transfer-Encoding: 7bit

Well, that was certainly a character building experience. I'm somewhat
 ashamed to post such a puny log; I know there were plenty more hounds
 calling, but the QRN & QSB at my end ate most of the RF. Switching to
 my rotatable RX loop didn't help much, either.

72, Al

TIME	CALL	RST	RST	SPC	NAME	PWR
		SENT	RCVD			
0202	N1TP	549	559	FL	TOM	5W
0203	N4ROA		539	559	VA DAN	5W
0209	W5YR	579	559	TX	GEORGE	5W
0211	KW4JS		559	559	TN JOHN	5W
0214	N1FN	559	559	CO	ET	5W
0215	AB0CD		559	559	CO DICK	5W
0217	W5USJ		549	449	TX CHUCK	5W
0225	W4FOA		569	559	GA TONY	5W
0231	W9XT	559	559	WI	GARY	5W
0239	W9XU	539	559	WI	LON	5W
0242	N9AU	539	559	WI	RON	5W
0244	W0PW	599	559	IA	JERRY	5W
0249	KV2X	529	559	NY	TOM	5W

0254 KQ5U 549 559 TX TERRY 5W
0256 K5EOA 559 559 LA WAYNE 5W
0258 AA50 569 559 LA VERN 5W
0336 KD5UDB 559 559 LA CHRIS 5W
0340 K5JHP 549 559 TX BILL 5W
0343 AF4LQ 549 339 KY MIKE 3W
0345 N5ZE 559 559 TX LEW 5W

0348 W5TB 559 559 TX DOC 5W
0355 K5MVR 549 339 TX RON 5W
0356 K5SR 579 559 TX DALE 5W
0358 K5TR 559 559 TX GEORGE 5W

Date: Wed, 17 Dec 2003 19:55:24 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [163305] Re: Hotweezer wire stripper
Message-ID: <Pine.LNX.4.33.0312171945450.3946-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There is a lot of interest in this item. I mentioned it when I described the HAKKO 808.

The Hotweezer (hot tweezer) is a neat wire stripper. I got one on Ebay quite a while ago. It was cheap at the time. I got one with a bunch of heads.

Basically it has a temp control box and a pair of tweezer like handpiece that sits in a holder on top of the box. When you take the tweezer out of the holder, it heats up. You place it on the end of the wire and squeeze and pull off the insulation. I think it is great because it removes teflon really well :) There is an adjustable depth gauge so you can strip off the same length each time.

Here is a link to a picture. Like they sayit is worth a thousand words.... I have no idea what they go for new.

I will say that it is a "keeper" and one of my favorite tools. It may not make wiring FUN but it makes it a lot less tedious. You can solder one end of a wire, route it, cut it to length and strip it, then solder the other end....

This link is for the picture only. I found it with google.

<http://www.jamron.com/Product/Meisei/Meisei.htm>

Happy holidays.

73,

Jim n2go

Date: Wed, 17 Dec 2003 20:12:09 -0500
From: "Armin Hachmer" <armin@muskoka.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163306] Re: is GigaParts legit?
Message-ID: <002301c3c503\$f68cc420\$286c7bd8@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thank you all for your comments.
Sounds like a lot of happy customers out there.
Armin VE3TEQ

Date: Wed, 17 Dec 2003 19:36:48 -0600
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [163307] 80 Meters is Long Tonight
Message-ID: <006901c3c507\$699ac720\$83d0a418@jam.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those who want to try 80 meter qrp, tonight may be a good one if your noise level is low.

I can't hear anything closer than 500 or so miles at the moment.

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Wed, 17 Dec 2003 21:36:19 -0400
From: Dave <ve1vq@auracom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163308] Re: Canadian Customs info
Message-ID: <3FE10493.9060309@auracom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Having items shipped mail into Canada is the best (cheapest) way. Boxes marked "kit" or "sample/s" escape notice and come right to the box at the end of the driveway. Larger boxes get me a card to do a pick up at the post office. Larger still seem to catch the eye of an inspector somewhere and require payment of our beloved HST (harmonized sales tax - a combo of federal and provincial taxes) of 15% along with a small fee (last time was \$5) for collection/processing of said 15%. Probably has to do with the indicated value.

I ordered a TEN-TEC Jupiter last fall and had it shipped to a friend in NH to avoid the cross border charges from the carrier as it couldn't be shipped mail. TEN-TEC accepted the order and timed the shipment to coincide with a vacation trip.

Dave
VE1VQ/VA6NS

Date: Wed, 17 Dec 2003 20:47:31 -0500
From: Chuck Ludinsky <cludinsky@comcast.net>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [163309] NEQRP CW Net, Thursday, 18 Dec 03, 08:30 PM EST, 3.566 MHz
Message-ID: <3FE10733.7090408@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 18 December 2003, at 8:30 PM EST (01:30Z, 19 Dec 03) on or near 3.566 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Conditions last week were quite unusual, with the band acting more like 40M than 80M. Long skip was in, and local comm was essentially out.

Seab, who normally is received here with an S9+20 signal, was down to a 229. At the same time, Mike and Ed were coming in very strong, although Ed's signal was fading. Seab and Charles were the only "local" stations

heard, and they are both about 200 miles as the crow flies. The results:

WA8BXN	Mike	nr Cleveland, OH	589
AB8DF	Ed	Waterford, MI	449-579
AA1MY	Seab	Bethel, ME	229
W2SH	Charles	Millington, NJ	229
K1CL	Chuck	Chelmsford, MA	net op

Good to hear everyone (good to hear anyone :), and thanks for checking in. Hope to hear you all again this week.

72 DE K1CL,

Chuck

Date: Wed, 17 Dec 2003 18:12:08 -0800 (PST)
From: Barry N1EU <n1eu@yahoo.com>
To: qrp-l@listserv.lehigh.edu
Subject: [163310] Re: 6-pin DIN connector
Message-ID: <20031218021208.97024.qmail@web13202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks for the responses. There's a diagram looking at the din-6 jack from the outside if anyone else is interested:

[http://groups.google.com/groups?
hl=en&lr=&ie=UTF-8&oe=UTF-8&selm=E0FBw7.73z%40c2t.com](http://groups.google.com/groups?hl=en&lr=&ie=UTF-8&oe=UTF-8&selm=E0FBw7.73z%40c2t.com)

Thanks & 72/73,
Barry N1EU

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Wed, 17 Dec 2003 21:50:53 EST
From: JClinton46@aol.com
To: qrp-l@lehigh.edu
Subject: [163311] wire free electric power
Message-ID: <46.435a2d5f.2d12700d@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Another ham sent me this url. The system is described as being wire-free, which it is, but there is no roaming distance. Not even a few feet. To me it is like a smart air-core transformer. Possibly of use to those with a rat's nest of adapters or those who are very mobile but frequently return to "base".

<http://www.mobilewise.com/index.html>

Clint Poss
KE4FDT

Date: Wed, 17 Dec 2003 20:08:50 -0700
From: Dave Ek <ekdave@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [163312] Re: Beware--flaw in IE allows links to be spoofed
Message-ID: <3FE11A42.40708@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Roger and all,

I tried the test link with Firebird. The status bar was spoofed when I moused over the hyperlink, but when I followed the hyperlink the real (not spoofed) address appeared in the address bar at the top. So Firebird is only partially vulnerable.

BTW, I've been trying out the Firebird browser and Thunderbird email client from Mozilla (www.mozilla.org). The Thunderbird email client has built-in Bayesian spam filters, and also allows you to disable loading of remote images in emails. It also does not support VB script or ActiveX, making it significantly less susceptible to the malicious stuff going around these days.

Firebird has a built-in popup blocker, among other features.

73 de Dave NK0E

Roger wrote:

The problem is, it has also been shown to work in web-enabled email clients, as well as other browsers, including, IIRC, Mozilla and Firebird.

<http://www.securityfocus.org/archive/1/347098/2003-12-07/2003-12-13/0>

Date: Wed, 17 Dec 2003 21:16:08 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [163313] Re: RF health risks
Message-ID: <5.1.1.6.2.20031217203347.00a22030@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I got as far as the part saying transmitters <50W are exempt from detailed evaluation :^)

72,
--Tim (KROU)

>n6nu@arrl.net:
>
>So, did everybody do their "Self Evaluation" already?

Date: Wed, 17 Dec 2003 23:29:56 -0500
From: "John Payne" <paynej1@earthlink.net>
To: <JClinton46@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163314] Re: wire free electric power
Message-ID: <001b01c3c51f\$97db5e20\$0201a8c0@desktop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen this before. I think that the mat in the picture supplies current through a myriad of contacts spaced so that the matching device cannot short them. Possibly AC, but not "Wireless" in an RF sense. At least that's what I remember, it's been a while.

73 de N4FLJ
----- Original Message -----
From: <JClinton46@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, December 17, 2003 9:50 PM
Subject: wire free electric power

> Another ham sent me this url. The system is described as being wire-free,
> which it is, but there is no roaming distance. Not even a few feet. To me
it is
> like a smart air-core transformer. Possibly of use to those with a rat's
nest
> of adapters or those who are very mobile but frequently return to "base".
>
> <http://www.mobilewise.com/index.html>
>
> Clint Poss
> KE4FDT

Date: Wed, 17 Dec 2003 23:27:23 -0600
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [163315] 80 Meter Success
Message-ID: <003601c3c527\$a0bc5780\$83d0a418@jam.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In casual operating on 3560 tonight between about 8:30 and 11:15 PM central
time, I made 4 qrp qsos from MS to Mi, Nj, NM, and PA.

I also heard NC and NY qrp stations.

Keep it up, folks. We should have at least 2 more months of good 80 meter
conditions before the qrn begins returning.

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Thu, 18 Dec 2003 06:45:30 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: w5jh@swlink.net,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [163316] Re: New option for the AZ ScQRPions paddle
Message-ID: <5.2.1.1.0.20031218064153.00b4e490@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:00 PM 12/17/2003 -0700, Jerry Haigwood wrote:

>Folks,

> The AZ ScQRPions have aquired a small quantity of super strong
>magnets. These are rectangular shaped and are approximately 0.220 inch
>x 0.350 inch x 0.370 inch. They are very light weight but have a lot
>of holding power (just ask Chuck Adams, K7Q0).

OK, I can tell you that you had better have had your Wheaties(tm)
in the morning if you get these stuck to a good chunk of steel. They
will require an appreciable force to remove from the surface. There
are horror stories of people peeling the enamel off of the front surface
of their refrigerator with these puppies by sliding them along to remove
them.

I hate to think of what they would do to the surface of a K1 or K2....

You have been warned.

FYI

Chuck Adams K7Q0 k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Moving to Arizona? Please bring your own water.

Date: Thu, 18 Dec 2003 07:09:11 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <n1eu@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163317] Re: 6-pin DIN connector
Message-ID: <Law15-DAV430xM3CBSn0000c412@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Barry N1EU" <n1eu@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, December 17, 2003 11:55 PM

Subject: 6-pin DIN connector

> I've searched without finding the answer and would
> sure appreciate help. If I'm looking at a male 6-pin
> DIN connector (not mini-DIN) from the jack's
> perspective, is pin 1 to the left/CW or to the
> right/CCW from the ground nub? My Yaesu schematic
> fails to disclose the orientation.

DIN plugs and sockets are usually marked with the pin numbers. Looking at the pins, pin 1 is on the right. Numbering isn't sequential on most of them but I think it is with the 6 way, with pin 6 in the middle.

Leon

--

Leon Heller, G1HSM

Email: aqzf13@dsl.pipex.com

My low-cost Philips LPC210x ARM development system:

http://www.geocities.com/leon_heller/lpc2104.html

Date: Thu, 18 Dec 2003 04:52:36 -0600

From: Chuck Carpenter <w5usj@9plus.net>

To: qrp-l@lehigh.edu

Subject: [163318] [OT] How to Obscure Any URL

Message-ID: <3.0.2.32.20031218045236.008313f0@mail.9plus.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

FYI, delete if not.

My son is deeply involved with MS systems and IS stuff. I asked him about the recent URL and IE messages.

He sent me this URL about obscuring URLs -- spammer and scammer stuff.

<http://www.pc-help.org/obscure.htm>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Thu, 18 Dec 2003 07:23:03 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163319] Re: is GigaParts legit?
Message-ID: <3FE19C27.C3C92269@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

> GigaParts has offered me the highest customer
> service.

>
> Excellent service!

I often see such statements about businesses without substantiation of what's meant by it. Was customer service actually required (as in something beyond the sale, replacement part, repair, other after sales service, etc.), or does it just mean that they were friendly on the phone when a few questions were asked before/at the sale?

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Thu, 18 Dec 2003 07:54:39 -0500
From: "Thomas Lewis" <thomas_h_lewis@msn.com>
To: k7qo@commspeed.net, qrp-l@Lehigh.EDU
Subject: [163320] Magnets
Message-ID: <BAY5-F26CaDGD19yxr800010578@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I may have mentioned this previously...

While browsing the tool department at Home Depot I ran across some magnets that were marked down for clearance... 3 or 4 bucks for a package of 5.

The first are 3/8 in dia. X 1/8 in. long. They are silver color.
The second are 1/4 in dia. X 3/16 long. They are brass color. I plan to experiment with these in place of the spring when I get my paddle kit.

They are very strong. In an attempt to quantify, one of the brass ones can

lift a Speed-X key on the aluminum base. (And I thought that key was brass!)

I suspect 4 of the silver ones would be too much for anchoring these paddles.

Just for info. Anxious to get my paddle kit.

Tom
K4THL

Working moms: Find helpful tips here on managing kids, home, work and yourself. <http://special.msn.com/msnbc/workingmom.armx>

Date: Thu, 18 Dec 2003 08:29:35 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [163321] Was: Re: is GigaParts legit? Now: Mag Loop Antennas
Message-ID: <6.0.0.22.2.20031218082130.01fcfed0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Guy... take a look at Alex's website. He has several terrific pages on Mag Loop Antenna design and construction... but what prompted THIS email are the "proof of the pudding" waterfall images (PFK31) comparing a 75ft longwire and a Mag Loop of a received signal. The Mag Loop signal literally LEAPS out of the page it's so much better than the LW. I LOVE that kind of interesting comparison. See his comparison page at: <<http://www.kr1st.com/anttest.htm>>. But don't miss the several other pages on different designs. Just a terrific job!!!

>Date: Thu, 18 Dec 2003 07:23:03 -0500
>From: Alex <kr1st@amsat.org>
>///snip

>73,
>--Alex KR1ST
><http://www.kr1st.com>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Thu, 18 Dec 2003 08:43:53 -0500
From: Radioham <radioham@comcast.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [163322] Re: Powerham
Message-ID: <5.1.0.14.0.20031218084136.00bcfc60@mail.comcast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Speaking of fraudulent URLs, I noticed that the www.powerham.com site that
had been discussed on the list last week as being a scam site is no longer
operational. Someone must have complained. You have to be alert all the
time these days.

Everyone have a happy holiday and New Year.

72/73,

Steve, N4EUK
Reston, VA

Date: Thu, 18 Dec 2003 08:52:59 -0500
From: "Nick Foster" <nfooster@bluefinrobotics.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [163323] RE: wire free electric power
Message-ID: <000901c3c56e\$3f229010\$ed00a8c0@PECKERHEAD>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

It's just an inductive charger, like the kind that charges up waterproof electric shavers. So it is RF, albeit near-field. I still don't know how it's more convenient to put these mats everywhere you work than it is to just plug the darn thing in... outlets are everywhere.

--nick

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of John Payne
Sent: Wednesday, December 17, 2003 11:30 PM
To: Low Power Amateur Radio Discussion
Subject: Re: wire free electric power

I've seen this before. I think that the mat in the picture supplies current through a myriad of contacts spaced so that the matching device cannot short them. Possibly AC, but not "Wireless" in an RF sense. At least that's what I remember, it's been a while.

73 de N4FLJ

----- Original Message -----

From: <JClinton46@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 17, 2003 9:50 PM
Subject: wire free electric power

> Another ham sent me this url. The system is described as being
> wire-free, which it is, but there is no roaming distance. Not even a
> few feet. To me
it is
> like a smart air-core transformer. Possibly of use to those with a
> rat's
nest
> of adapters or those who are very mobile but frequently return to
> "base".

>
> http://www.mobilewise.com/index.html
>
> Clint Poss
> KE4FDT

Date: Thu, 18 Dec 2003 09:00:52 -0500
From: "David Porter" <aa3ur@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163324] More magnets
Message-ID: <NGBBICPOCLKMGIBGGBEAIEOHECAA.aa3ur@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For eliminating springs in paddles and keys, don't forget the tiny, rare earth magnets from Radio Shack. They are about 3/16" in diameter and 1/16" thick. They are labeled as 1/8" Rare Earth Magnets 64-1895. Two are in a package for \$1.79.

Dave, AA3UR

Date: Thu, 18 Dec 2003 07:22:25 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: "Mike Duke, K5XU" <k5xu@jam.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163325] Re: 80 Meter Success
Message-ID: <Pine.LNX.4.44.0312180701390.4700-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 17 Dec 2003, Mike Duke, K5XU wrote:

> In casual operating on 3560 tonight between about 8:30 and 11:15 PM central
> time, I made 4 qrp qsos from MS to Mi, Nj, NM, and PA.

Hi Mike, heard you and K8CCG talking. You were 549 and K8CCG was ESP here in Las Cruces, NM on about 0220 UTC. Later I copied WA3I and AC7XF and W1FD passing traffic on CW.

Not much CW activity but lots of ssb activity starting at 3.765.

>
> I also heard NC and NY qrp stations.
>
> Keep it up, folks. We should have at least 2 more months of good 80 meter
> conditions before the qrn begins returning.
>
> Mike Duke, K5XU
> American Council of Blind Radio Amateurs
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Thu, 18 Dec 2003 08:23:09 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <k2zn@rochester.rr.com>
Subject: [163326] Re: FOX: K2ZN log rev. 1
Message-ID: <002f01c3c572\$76bdce00\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Al,
I think you and Dave did a fantastic job given the terrible 40m band
condx. Between the QSB and the noise it was a wonder we could make a
QSO at all. I'm sure I speak for many in saying THANK YOU for hanging
in there and suffering through the many repeats it took just to
complete a QSO. It takes a lot of concentration and skill to pull out
weak signals in heavy noise and you did a darn good job. Tnx agn and
have a Happy Holiday.

72/73,
Lew
N5ZE

Date: Thu, 18 Dec 2003 09:27:38 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163327] Re: Beware--flaw in IE allows links to be spoofed
Message-ID: <200312180927.39207.w9ya@arrl.net>
MIME-Version: 1.0
Content-Disposition: inline
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On Wednesday 17 December 2003 10:08 pm, Dave Ek wrote:

> Roger and all,
>
> I tried the test link with Firebird. The status bar was spoofed when I
> moused over the hyperlink, but when I followed the hyperlink the real
> (not spoofed) address appeared in the address bar at the top. So
> Firebird is only partially vulnerable.
>
> BTW, I've been trying out the Firebird browser and Thunderbird email
> client from Mozilla (www.mozilla.org). The Thunderbird email client has
> built-in Bayesian spam filters, and also allows you to disable loading
> of remote images in emails. It also does not support VB script or
> ActiveX, making it significantly less susceptible to the malicious stuff
> going around these days.
>
> Firebird has a built-in popup blocker, among other features.

Yet more examples of the better life brought to you from the open-source (read linux) movement.

OOPS, I said the "l" word. Shame on me. (GRIN)

Anonymous

(well kinda anon.)

>
> 73 de Dave NK0E
>
> -----
> Roger wrote:
>
> The problem is, it has also been shown to work in web-enabled email

> clients, as well as other browsers, including, IIRC, Mozilla and Firebird.
>
> <http://www.securityfocus.org/archive/1/347098/2003-12-07/2003-12-13/0>

Date: Thu, 18 Dec 2003 08:37:18 -0700
From: "Augie Hansen" <augie.hansen@comcast.net>
To: <k7qo@commspeed.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [163328] RE: New option for the AZ ScQRPions paddle
Message-ID: <200312181537.hBIFbM0V029111@rain.CC.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Chuck,

> OK, I can tell you that you had better have had your Wheaties(tm)
> in the morning if you get these stuck to a good chunk of steel. They
> will require an appreciable force to remove from the surface. There
> are horror stories of people peeling the enamel off of the front surface
> of their refrigerator with these puppies by sliding them along to remove
> them.

Yes, on painted steel the magnets can be very damaging if used improperly.

> I hate to think of what they would do to the surface of a K1 or K2....
>
> You have been warned.

No need to worry. The only way you can get the magnets to stick to the
aluminum case of a K1 or K2 is with superglue or some such ;>)

73, Gus / KB0YH

Email: KB0YH@arrl.net

Date: Thu, 18 Dec 2003 12:00:23 -0500
From: "Patrick Schwarz" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163329] d104 to ic-718?

Message-ID: <008b01c3c588\$6dc5a780\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

anyone have experience adapting an astatic d104 microphone to an icom 718?

thanks much

patrick...kb8rtz...

Date: Thu, 18 Dec 2003 12:03:06 -0500
From: N0tk@aol.com
To: elecraft@mailman.qth.net, qrp-l@lehigh.edu
Subject: [163330] FS:ASTRON RS-20A
Message-ID: <773126EF.7D03B7AD.00002D75@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

With the recent discussions on the RS-20A powering the Elecraft K2/100 I have decided to part with my RS-20A. It reliably powered my 100w HF transceiver which I have recently sold. It is in excellent physical and electrical condition. Selling for \$50 plus shipping from zipcode 80126.

Dan N0TK
Highlands Ranch, CO

Date: Thu, 18 Dec 2003 11:06:11 -0600
From: "Joe Martin" <joe1@km5cw.org>
To: "QRP-l" <qrp-l@Lehigh.EDU>
Subject: [163331] QRPWEBRING ?
Message-ID: <003e01c3c589\$3dfc6b50\$324cd6d0@JoesHome1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have not been able to get on the webring the last 2 days, does anyone else have a problem with it?

<http://www.baltimoremd.com/qrpwebring>

Just wondering

72 de KM5CW, Joe

FP#-697 QRP-L#2524 ARCI #11368 FISTS#4217

GRID EM13kf FtWorth,Tx

(<http://www.km5cw.org>)

dit dit

-----| Virus Scanned by Symantec |-----

Date: Thu, 18 Dec 2003 12:05:46 -0500

From: "AI2Q" <ai2q@adelphia.net>

To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>

Subject: [163332] Microbes Generate Electricity from Sugar

Message-ID: <000501c3c589\$2e77cb20\$6401a8c0@Administrator>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

The following new really got me perked up. I thought you might like to read it, too, especially the part about generating enough power to run a 60-watt bulb for 17 hours from a cup of sugar!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687

<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

=====snip==>>

UMass Scientists Use Microbes to Generate Electricity from Sugar

Nontoxic method could pave way for turning waste into power

AMHERST, Mass. - Sugars can be converted to electricity with an efficiency much higher than previously known, according to researchers at the University of Massachusetts Amherst. Professor Derek Lovley and postdoctoral researcher Swades Chaudhuri have discovered a microorganism that is capable of stable, long-term electricity production by oxidizing carbohydrates. The organism, *Rhodoferax ferrireducens*, transfers electrons directly onto an electrode as it metabolizes sugar into electricity, producing carbon dioxide as a byproduct. Chaudhuri's and Lovley's findings will appear in the October issue of *Nature Biotechnology*.

Because sugars are a substantial component of many types of waste and carbohydrate-rich crops, such as corn, which are a renewable energy source,

carbohydrates could become economical alternatives to fossil fuels in the production of electricity, according to Lovley.

There's been a lot of interest in microbial fuel cells trying to convert sugar into electricity, Lovley said. But in the past, they've converted 10 percent or less of the available electrons, and we're up over 80 percent. And previous attempts to convert carbohydrates to electricity have required an electron shuttle, or mediator, which is typically toxic to humans.

This organism doesn't require a mediator because it attaches directly to the surface of the electrode, Lovley said.

That's one of the big advances, he said. People have done it without a mediator before, but their recovery of energy was less than 1 percent. And not having to use toxic elements is an obvious advantage in creating electricity. In the end, the electrons in the fuel cell are transferred to oxygen, so what we are really doing is putting a wire in between the microbe and the oxygen and harvesting this electron flow that otherwise would just go directly to oxygen.

The organism was isolated in Lovley's microbiology lab at the University of Massachusetts Amherst from aquifer sediments in Virginia during a U.S. Department of Energy study.

We found that it had the unique ability to oxidize sugars with the reduction of iron oxides, Lovley said. This was of interest to us because last year we reported in Science that another group of iron reducers, known as Geobacter, could transfer electrons to electrodes. We reasoned that Rhodoferax might be able to do the same thing, which proved to be the case.

The research was supported by the Office of Naval Research and the Defense Advanced Research Projects Agency, as well as the Department of Energy.

In theory, this method would allow a cup of sugar to power a 60-watt light bulb for 17 hours, but Lovley said the device needs improvement before it can be used commercially.

There are still issues with getting a high enough voltage and converting the sugar to electricity fast enough, he said. Although the process is highly efficient, it is slow. And as the process is right now, we're not talking about a lot of power. It's barely enough to run a calculator, but we did it using unpolished graphite as a receptor. There are almost certainly better electroactive materials.

The other thing that limits this is that the microorganisms have to attach to the surface of the receptor, so we're working with polymer scientists, such as Tom Russell at UMass Amherst, to find a receptor with a maximally uneven surface, so more microbes can attach to it.

I don't want to give the impression that it's Back to the Future, where we stuff a banana in the engine and go, but it's a pretty good leap from where microbial fuel cells were before.

Derek Lovley can be reached at 413/545-9651, or dlovley@microbio.umass.edu.

Date: Thu, 18 Dec 2003 12:17:40 -0500
From: "palmer_t" <ThomasPalmer@colliergov.net>
To: <qrp-1@Lehigh.EDU>
Subject: [163333] Re: FOX: K2ZN log rev. 1
Message-ID: <C318A0DD37943143AADB8DA1362D84001E8267@bccex0101.bcc.colliergov.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It is gratifying that Foxhunt participants such as Lew acknowledge their appreciation of the efforts of our=20 FOXES. Being a FOX is FUN, but is also WORK.

Our FOXES have a sense of obligation to the Hounds and they WANT to give out as many pelts as possible.=20

It takes considerable skill and perseverance to listen intently for 2 hours to MANY Hounds sending a din of=20 cricket chirps, most of which are at the exact same=20 signal strength. Add to this band noise and QRM (some of which may have been intentional this Tuesday) it is really=20 something that our FOXES issue as many pelts as they do.

I know of no instance where any FOX did less than his very best to issue as many pelts as humanly possible under the circumstances of the respective Hunt.

I believe Lew's comments express the sentiments of almost all of the Foxhunt participants.

Tom, N1TP
Naples, FL =20

Date: Thu, 18 Dec 2003 12:37:44 -0500

From: "Lee Mairs" <lmairs@direcway.com>
To: "qrpl" <qrpl@Lehigh.EDU>
Subject: [163334] Re: d104 to ic-718?
Message-ID: <004401c3c58d\$a5086fc0\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A long time ago I bought a D-104 at a hamfest because of its neat looks. I then ripped out all its junk and replaced it with a Heil cartridge and rewired hand switch (PTT) and the cord to fit an Icom plug. It works just great.

73 de Lee
km4yy/8

----- Original Message -----

From: "Patrick Schwarz" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>
Sent: Thursday, December 18, 2003 12:00 PM
Subject: d104 to ic-718?

> anyone have experience adapting an astatic d104 microphone to an icom 718?
>
> thanks much
>
> patrick...kb8rtz...
>
>

Date: Thu, 18 Dec 2003 10:48:22 -0700
From: "Ron Pyle" <raple@gwtc.net>
To: <nfooster@bluefinrobotics.com>,
"Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>
Subject: [163335] Re: wire free electric power
Message-ID: <147301c3c58f\$2173fab0\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I haven't been following closely what you all have discussed on this subject. I just wanted to add, and hope I'm not mentioning what you already

know.

NASA does have the technology to "beam" electricity to earth from solar panels in orbit. The only reason they don't do it is it's unprofitable as of yet. I think, if I remember right, it would cost about 40 cents a KWH? So Cal is getting near there in their rates.... :)

I had found this out from Rep. Dana Rohrabacher, who sits on the NASA panel in Congress.

Ron
KC0QXU

Date: Thu, 18 Dec 2003 10:03:14 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163336] Mid-Atlantic QSO Party - New Contest
Message-ID: <20031218180314.64902.qmail@web60803.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A new contest is coming May 8-9 2004. It will be similar to existing state QSO parties, except this one will combine PA, MD, NJ, NY, VA, DEL and WV all in the same event. (Of these I have competed in the QRP category of the MD QSO party).

A single op QRP is currently included in the plans.

I am also suggesting, if there is interest, a QRP multi-op category to compete stations both within and outside this region. As you can imagine the list of multipliers includes each county of each of these states. Inclusion of a mobile category will mean "moving targets" that activate a bunch of counties as in existing state QSO parties, and many of these operate CW given their "QRP-like" signal on the low bands. For this event the max QRO power level will be limited to 200w. While there should be significant activity, i suspect there will be plenty of space for QRP ops amongst the other CW operators.

I am interested in finding out if there is enough interest in this event to encourage a QRP multi-op category??

here is the link to their website:

<http://www.qsl.net/maqso/>

curt wb8yyy

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Thu, 18 Dec 2003 11:33:20 -0700
From: "Augie Hansen" <augie.hansen@comcast.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [163337] RE: d104 to ic-718?
Message-ID: <200312181833.hBIIXM0V020941@rain.CC.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Patrick,

> anyone have experience adapting an astatic d104 microphone to an icom 718?

The D104 microphone, either crystal or ceramic element, is a high impedance device designed for use with older tube-type transmitters. It is not a good match to modern solid-state equipment, which usually expects low impedance microphones -- typically about 500-600 Ohms. However, if the D104 has an amplified base, the circuit can be made to drive the low impedance inputs of most rigs.

You can use an unamplified D104 with Icom rigs by either adding an amplifier to the base to get high enough output and proper drive impedance, or simply replace the original element with a cheap electret condenser element. These are readily available at Radio Shack or via mail order from numerous vendors for just a few dollars. Icom rigs were designed for this type of microphone elements.

NOTE: If you modify the D104 as I suggest, it will not be a good match for non-Icom rigs.

I obtained an unamplified D104 and removed the ceramic element from the head. In its place I drilled a 3/8" hole in the insulating disk and used a two-lead electret element pressed into the hole. Wire the microphone ground lead (Icom pin 7) to the shell and the hot lead (Icom pin 1) to the other

lead on element. The electret is permanently polarized so it doesn't need a polarizing supply (typically 48 volts), but it includes an integrated FET amplifier that gets B+ from the hot lead. Icom provides 8 volts on this lead. (Anything from 2 to 10 volts will produce satisfactory results with most electrets.)

You will also need to wire the PTT switch across Icom pins 5 (PTT) and 6 (PTT Gnd).

The electret provides plenty of output, which is what the Icom radios need, especially the older rigs. The newer Icom rigs have a bit more front-end gain, so they can also work with lower output dynamic microphones.

CAUTION: You need to use a blocking capacitor (about 1 to 10 uF.) in series with the hot lead to use non-electret elements, such as the Heil key elements.

Hope this helps.

73, Gus Hansen / KB0YH

Email: KB0YH@arrl.net

Date: Thu, 18 Dec 2003 11:41:46 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [163338] Being the Fox
Message-ID: <Pine.LNX.4.44.0312181124390.4700-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Those who volunteer to be a Fox in the QRP-L Fox Hunts are a breed of Ham who likes a bit of thrill and excitement while doing CW which he loves. It's kind of a bummer when 40 meters is poor, but it doesn't matter.

The game is still the same. Lots of Hounds are trying to have a QSO with you. Instead of a noisy 500 Hz of Hounds all the same signal strength, you hear lots of noise, but not much else. So what do you do?

You send CQ Fox De K5DI K a LOT! Give the Hounds something to listen to. After each CQ LISTEN. Look for a call sign, or even just part of a call sign. If you get a w3rx? leave the receiver there and send

W3RX ? W3RX ? ur 559 NM Karl 5W w3rx ? BK. With my good hearing you find out it was K6RNY and you show him you have him by sending his call 3 times.

You keep doing this until the 2 hours are over. It goes real fast when your shovel is digging out partial call signs and there are lots of repeats. It's a good idea to drop your code speed to 15 wpm so it is easier to copy. Your total is low but what the heck, you EARNED each one!

After a bad day the Fox hopes his next outing will be a good day. It's only fair right?

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 18 Dec 2003 11:36:44 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163339] Re: New option for the AZ ScQRPions paddle
Message-ID: <3.0.6.32.20031218113644.007ba6a0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>OK, I can tell you that you had better have had your Wheaties(tm)
>in the morning if you get these stuck to a good chunk of steel.

>I hate to think of what they would do to the surface of a K1 or K2....

In that case, put a piece of plastic between the magnets and what ever your sticking it to. That should make it easier to slide off when you want to remove it and keep from scratching paint. Sounds like you could go up to 1/4" thick. But since you have to epoxy the magnets onto the paddle base anyway, maybe just a thick coat of epoxy over them will do. That could reduce the risk of the magnets pulling off the base and staying stuck to the metal when you try to pry the paddle off too.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Thu, 18 Dec 2003 13:51:56 -0500
From: John Payne <paynej1@earthlink.net>
To: raple@gwtc.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163340] Re: wire free electric power
Message-ID: <3FE1F74C.50506@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

If one reads the technology info on the web site this is NOT "beamed" power, it is a technology that first surface several years ago. The mat has many small contacts on it which sense a device with a mating chip and contacts. The power is only sent to the "zone" that the device occupies, and anything without the chip is ignored. One can set a metal pen on the mat with no ill effects. The chip tells the mat what voltage and current the attached device requires, and the mat in turn produces that power in that "zone".

There is no induction, no RF field of any sort, it's DC and it's all done with "wires"(contacts). Just a technology finally being developed and put to use. I saw this in one of the PC magazines, I think in the very late 90's or 2000.

73 and Happy Holidays de John N4FLJ

Ron Pyle wrote:

> I haven't been following closely what you all have discussed on this
> subject. I just wanted to add, and hope I'm not mentioning what you already
> know.
> NASA does have the technology to "beam" electricity to earth from solar
> panels in orbit. The only reason they don't do it is it's unprofitable as of
> yet. I think, if I remember right, it would cost about 40 cents a KWH? So
> Cal is getting near there in their rates.... :)
> I had found this out from Rep. Dana Rohrabacher, who sits on the NASA panel
> in Congress.
>
> Ron
> KC0QXU
>
>

Date: Thu, 18 Dec 2003 14:01:59 -0500
From: N0tk@aol.com
To: N0tk@aol.com, eleccraft@mailman.qth.net, qrp-1@lehigh.edu
Subject: [163341] Re: [Elecraft] FS:ASTRON RS-20A
Message-ID: <2E995C7B.6904BF80.00002D75@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

The RS-20A is sold.

Date: Thu, 18 Dec 2003 14:12:20 -0500
From: "Marty Hartwell" <chartwell@worldnet.att.net>
To: "QRP-L" <qrp-1@lehigh.edu>
Subject: [163342] FS - Hand key
Message-ID: <LCEBJOKPGPNGOAKECJNGEEPECNAA.chartwell@worldnet.att.net>

Hi

Well I have tried to make my hand work this key for several months on and off now. It just isn't going to happen. So I am going to sell it to put the money toward something else.

For sale American Morse hand key, the small one made out of aluminum and advertised in World Radio.

\$50.00 and I will ship priority mail.

Payment to be postal money order.

I can provide a digital picture to your email address upon request.

Marty kd8bj

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.547 / Virus Database: 340 - Release Date: 12/2/03

Date: Thu, 18 Dec 2003 14:20:07 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-l@Lehigh.EDU
Cc: <elecrafft@mailman.qth.net>
Subject: [163343] Holder for Hakko 808? Was Re: [QRP-L 163276] HAKKO 808 desoldering gun
Message-ID: <200312181920.hBIJK7X14773@panix1.panix.com>

I also picked up a HAKKO 808 desoldering gun, and think it's VERY cool- except that it's very hot. Has anyone found a benchtop holder for the unit, so that it can easily be put down without fear of damage? I really hate to have a soldering tool on the bench without a secure place to put it down safely. I find the smell of burning wood, plastic and flesh to be off-putting, and refocusing enough to make sure it's OK takes time, and even changing eyeglass magnification, sometimes. And I'm not sure how many falls to the floor it could handle, either.

I've got so much old electronics around here that using the HAKKO to salvage parts is very attractive. And I think it could salvage the most serious messups, also, so think it's cheap at the price.

73, doug

Date: Thu, 18 Dec 2003 13:40:23 -0600
From: <k6whp@verizon.net>
To: <qrp-l@Lehigh.EDU>
Subject: [163344] PAC-12 Antenna
Message-ID: <20031218194023.WQPV12902.out004.verizon.net@outgoing.verizon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Apologies in advance for redundancy, but I wanted to pass along a good word for the Pacific Antenna PAC-12.

I had seen Mr. Bennet's presentation at Pacificon and came away impressed both and how James was able to reduce antenna theory to common sense and how he was able to fabricate an antenna from commonly available materials.

"Shucks, I can do that!" I thought.

Happily, indolence and a penchant for procrastination came to my rescue. I delayed building a PAC-12 from scratch blaming work, family responsibilities, and any other suitable excuse. As it turned out, I recently had some spare jingle in my

shorts (I live in Southern California) so I ordered one of his kits figuring that I'd give it a tumble. I justified the purchase by telling myself that I was going to spend the modest price of the kit in time and materials saved. Yes, I am *that* bad a craftsman and would probably burn up that much PVC in prototypes alone.

When it arrived, I was pleasantly surprised at how well engineered the kit was. I am happy to report that Mr. Bennet suffers from what I call "Elecraft Syndrome". That is a common malady among virtually all of the fine purveyors of kits to the QRP world: not only are the final products well-engineered, but also the *kits* are engineered to result in excellent final products as well -- even for stumble-bums like me.

The PAC-12 materials are superb! The fittings are well-machined and fit correctly. The simple construction is simple and straightforward. The resulting antenna seems to "prove out" well with a low vswr, etc. Unhappily, I cannot report a WAC or a DXCC in the brief time used it, but performance seems encouraging.

The thing about this antenna that I really like is that it is incredibly light and truly portable. When James says it breaks down into 12" sections, I am here to tell you that it does just that. Moreover, it can be erected almost instantaneously and with great ease.

I am contemplating getting another and phasing them. If you cut the phasing lines correctly, you could easily walk one around the other to direct a cardioid pattern in the direction you would need it. It would almost be as easy as rotating a beam.

Anyway, a big thumbs up for Jim and Pacific Antenna. He's got a winner there!

Bill, k6whp
(usual disclaimer: just a satisfied customer)

Date: Thu, 18 Dec 2003 14:53:36 -0500 (EST)
From: <n2go@arrl.net>
To: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163345] Re: Holder for Hakko 808? Was Re: [QRP-L 163276] HAKKO 808
desoldering

gun
Message-ID: <Pine.LNX.4.33.0312181451190.27159-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Try standing it on its end with the tip pointing up. Just remember not to reach over it. Now that smarts....

BTW the I think the best price on the HAKKO 808 can be found at
<http://shop1.outpost.com/product/2760813>

73,

Jim n2go

Date: Thu, 18 Dec 2003 15:31:10 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: n2go@arrl.net
Cc: qrp-1@Lehigh.EDU
Subject: [163346] Re: Holder for Hakko 808? Was Re: [QRP-L 163276] HAKKO 808
desoldering
gun
Message-ID: <200312182031.hBIKVAP09371@panix1.panix.com>

You must be more coordinated then I am, or have more space on your bench. I'd be guaranteed to burn myself, knock it over into something flammable, and pull it onto the floor by its cord. I want something secure, that I can use with one hand while half-blind. I'll be checking out the copper pipe fittings next time I'm at the hardware store.

Check out <http://www.tequipment.net/HakkoDecElecrafftOnly.html>
It's \$158., and no CA tax.
Of course, this is only for Elecraft owners, or potential ones.

OTOH, the outpost.com prices for the tips they have are better.

73, doug

Date: Thu, 18 Dec 2003 14:53:36 -0500 (EST)
From: <n2go@arrl.net>

Try standing it on its end with the tip pointing up. Just remember not to reach over it. Now that smarts....

BTW the I think the best price on the HAKKO 808 can be found at
<http://shop1.outpost.com/product/2760813>

73,

Jim n2go

Date: Thu, 18 Dec 2003 15:50:28 -0500
From: "Bob Schreibmaier" <k3ph@ptd.net>
To: <qrp-l@Lehigh.EDU>
Subject: [163347] Re: FOX: K2ZN log rev. 1
Message-ID: <000301c3c5a8\$91afc8e0\$6400a8c0@k3ph>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Al,

```
>Well, that was certainly a character building experience.  I'm somewhat
>ashamed to post such a puny log;
```

Don't be! You did a good job under really, really bad conditions. You hung in there for 2 hours under conditions that would have made a lesser operator give up.

You done good!

p.s. Personally, I'm too chicken to be a fox. 8^)

72/73,

$$\begin{array}{ccccccc} \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup \\ \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} & \diagdown \\ \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup \\ \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} & \diagdown \\ \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup \\ \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} & \diagdown \end{array} \quad \cdot \cdot$$

```
+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org  |
+-----+
```

Date: Thu, 18 Dec 2003 16:14:08 -0500
From: "John Payne" <paynej1@earthlink.net>
To: <paynej1@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163348] Re: wire free electric power
Message-ID: <000d01c3c5ab\$e15f3b20\$0201a8c0@desktop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oops... that's several years ago!

----- Original Message -----

From: "John Payne" <paynej1@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 18, 2003 1:51 PM
Subject: Re: wire free electric power

> If one reads the technology info on the web site this is NOT "beamed"
> power, it is a technology that first surface several rears ago.

73 de John N4FLJ

Date: Thu, 18 Dec 2003 12:21:52 -0900
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [163349] Wow, AL7FS better check the bands today.
Message-ID: <3FE21A70.6050004@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I have been busy and not paying attention when today I just noticed the
propagation numbers:

=====

SFI:123 A:6 K:2 2100 18 Dec
Frcst: No SWX storms are expected next 24h.
Obs: No SWX storms were observed last 24h.

Au: 4

S Wind: 358 km/s @ 1.1 protons/cm³

Hi Latitude: Normal

=====

I think I had best do some hamming this afternoon as these numbers at least give me a chance.

73, Jim

--

Jim Larsen, AL7FS

Anchorage, Alaska

<http://www.qsl.net/al7fs>

Date: Thu, 18 Dec 2003 17:13:15 -0500

From: "Lee Mairs" <lmairs@direcway.com>

To: "qrpl" <qrpl@Lehigh.EDU>

Subject: [163350] Re: PAC-12 Antenna

Message-ID: <00b101c3c5b4\$229aeeb0\$2202a8c0@J4>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Neat idea about phasing the verticals. Phased verticals have always fascinated me. My problem is that I have a seldom used Super MP-1 antenna already. Phased verticals might be the key to justifying the PAC-12...

73 de Lee

km4yy/8

----- Original Message -----

From: <k6whp@verizon.net>

To: "Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>

Sent: Thursday, December 18, 2003 2:40 PM

Subject: PAC-12 Antenna

> Apologies in advance for redundancy, but I wanted to pass along a good word for the Pacific Antenna PAC-12.

>

> I had seen Mr. Bennet's presentation at Pacificon and came away impressed both and how James was able to reduce antenna theory to common sense and how he was able to fabricate an antenna from commonly available materials.

>

> "Shucks, I can do that!" I thought.

>

> Happily, indolence and a penchant for procrastination came to my rescue. I delayed building a PAC-12 from scratch blaming work, family responsibilities, and any other suitable excuse. As it turned out, I recently had some spare jingle in my shorts (I live in Southern California) so I ordered one of his kits figuring that I'd give it a tumble. I justified the purchase by telling myself that I was going to spend the modest price of the kit in time and materials saved. Yes, I am *that* bad a craftsman and would probably burn up that much PVC in prototypes alone.

>

> When it arrived, I was pleasantly surprised at how well engineered the kit was. I am happy to report that Mr. Bennet suffers from what I call "Elecraft Syndrome". That is a common malady among virtually all of the fine purveyors of kits to the QRP world: not only are the final products well-engineered, but also the *kits* are engineered to result in excellent final products as well -- even for stumble-bums like me.

>

> The PAC-12 materials are superb! The fittings are well-machined and fit correctly. The simple construction is simple and straightforward. The resulting antenna seems to "prove out" well with a low vswr, etc. Unhappily, I cannot report a WAC or a DXCC in the brief time used it, but performance seems encouraging.

>

> The thing about this antenna that I really like is that it is incredibly light and truly portable. When James says it breaks down into 12" sections, I am here to tell you that it does just that. Moreover, it can be erected almost instantaneously and with great ease.

>

> I am contemplating getting another and phasing them. If you cut the phasing lines correctly, you could easily walk one around the other to direct a cardioid pattern in the direction you would need it. It would almost be as easy as rotating a beam.

>

> Anyway, a big thumbs up for Jim and Pacific Antenna. He's got a winner there!

>

> Bill, k6whp

> (usual disclaimer: just a satisfied customer)

>

>

Date: Thu, 18 Dec 2003 14:18:47 -0800 (PST)

From: Wayne Dillon <kc0pmh@yahoo.com>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [163351] WTB HW8

Message-ID: <20031218221847.31155.qmail@web20515.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi folks

Anyone out there got an HW8 they want to sell or exchange for my QRP+?

Please reply direct (off list) to kc0pmh@yahoo.com

Thanks for the BW

Wayne - KC0PMH

=====

"An individual has a healthy personality
to the exact degree to which they have
the propensity to look for the good
in every situation." Ralph Waldo Emerson

When Jesus was on the cross WE were on His mind.

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Thu, 18 Dec 2003 17:24:29 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [163352] Contest Calendars
Message-ID: <001d01c3c5b5\$b4642400\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Just wanted to let everyone know that purchased a 2004 QRP Contest Calendar
they will be in the Fridays mail.

If you did reserve a calendar and did not send in the Money Order or Check,
I do have one on hold for you under your call sign.

If you would like to see more information about the calendar please check
out www.n3epa.org and click on the calendar link.

I would like to thank all those QRP'ers that purchased a calendar this year.

I would also like to wish everyone a Safe and Happy Holidays!!!!

72

Ron de N3EPA
EPA QRP Club El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Thu, 18 Dec 2003 13:50:00 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "Elecraft@mailman.qth.net" <elecraft@mailman.qth.net>,
"qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [163353] Here Little Piggies
Message-ID: <001701c3c5a0\$1ff699c0\$4a78da0c@mchsi.com>

Anybody want to jump over on 40 and chew the rag a bit??

It's now 2237z and I'll be hanging out around 7044. If ya hear me, give a yell.

73 es oo Jerry N0JRN
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Thu, 18 Dec 2003 17:43:36 -0600
From: Joe Martin <joe1@km5cw.org>
To: QRP-1 <qrp-1@Lehigh.EDU>
Subject: [163354] MORE #S ADDED TO KEY LIST
Message-ID: <3FE23BA8.5060104@km5cw.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

I was just over at the ScQRPions site and they have added some new #'s to the list up to 185

http://www.swlink.net/~w5jh/serial_numbers.htm for anyone looking.

--

72 de KM5CW, Joe

FP#-697 QRP-L#2524 ARCI #11368 FISTS#4217

GRID EM13kf FtWorth,Tx

(<http://www.km5cw.org>)

dit dit

End of QRP-L Digest 3138
